

Title (en)

COMMUNICATION DEVICE AND COMMUNICATION METHOD

Title (de)

KOMMUNIKATIONSVORRICHTUNG UND KOMMUNIKATIONSVERFAHREN

Title (fr)

DISPOSITIF DE COMMUNICATION ET PROCÉDÉ DE COMMUNICATION

Publication

**EP 3614780 A4 20200415 (EN)**

Application

**EP 18802274 A 20180319**

Priority

- JP 2017097167 A 20170516
- JP 2018010698 W 20180319

Abstract (en)

[origin: EP3614780A1] A communication apparatus and a communication apparatus that perform wireless communication by a multi-user method are provided. The communication apparatus includes a communication section configured to transmit and receive a wireless signal and a control section configured to control operation as a base station, and transmits a frame that includes schedule information relating to scheduled communication of the own station and can be received by a different wireless terminal and receives schedule information relating to scheduled information of a different base station. The scheduled communication includes multi-user communication of an uplink, and the schedule information includes information relating to a transmission schedule of a frame for inducing multi-user communication of an uplink.

IPC 8 full level

**H04W 74/04** (2009.01); **H04W 72/12** (2009.01)

CPC (source: EP RU US)

**H04W 48/06** (2013.01 - RU US); **H04W 72/0446** (2013.01 - RU US); **H04W 72/1268** (2013.01 - US); **H04W 72/30** (2023.01 - RU US); **H04W 74/04** (2013.01 - EP); **H04W 72/1263** (2013.01 - EP); **H04W 74/085** (2013.01 - US)

Citation (search report)

- [XYI] US 2015282206 A1 20151001 - KALHAN AMIT [US], et al
- [XI] US 2013143583 A1 20130606 - SON YEONG-MOON [KR], et al
- [X] WO 2016041205 A1 20160324 - HUAWEI TECH CO LTD [CN] & EP 3188429 A1 20170705 - HUAWEI TECH CO LTD [CN]
- [Y] US 2015146654 A1 20150528 - CHU LIWEN [US], et al
- [Y] WO 2005048047 A2 20050526 - SHARP LAB OF AMERICA INC [US], et al
- See also references of WO 2018211807A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 3614780 A1 20200226**; **EP 3614780 A4 20200415**; MX 2019013358 A 20200220; RU 2019135903 A 20210511; RU 2019135903 A3 20210511; RU 2752260 C2 20210723; SG 11201909145Q A 20191128; TW 201902287 A 20190101; TW I758472 B 20220321; US 11877279 B2 20240116; US 2020053753 A1 20200213; US 2024121777 A1 20240411; WO 2018211807 A1 20181122; ZA 201905795 B 20200826

DOCDB simple family (application)

**EP 18802274 A 20180319**; JP 2018010698 W 20180319; MX 2019013358 A 20180319; RU 2019135903 A 20180319; SG 11201909145Q A 20180319; TW 107115164 A 20180504; US 201816603334 A 20180319; US 202318538734 A 20231213; ZA 201905795 A 20190902